I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4).

Dated: January 18, 2011

Electronic Signature for Gregory M. Reilly: /Gregory M. Reilly/

Docket No.: VEECO 3.3-082 (PATENT)

: Group Art Unit: 1712

: Examiner: J. G. Horning

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Murphy et al.

Application No.: 10/568,794

Filed: November 8, 2006

For: ALKYL PUSH FLOW FOR VERTICAL

FLOW ROTATING DISK REACTORS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT

Dear Sir:

In response to the Official Action mailed August 18, 2010, Applicants submit the following amendments and remarks.